

Converting Colors

YUV(132.2940, -49.9379,
-36.2148)

Have a look what the booklet for
YUV(132.2940, -49.9379, -36.2148)
contains.

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Color

**YUV(132.2940, -49.9379,
-36.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	5BAD1F
RGB	91, 173, 31
RGB Percent	36%, 68%, 12%
CMY	0.6431, 0.3216, 0.8784
CMYK	0.47, 0.00, 0.82, 0.32
HSL	95°, 70%, 40%
HSV	95°, 82%, 68%
XYZ	19.5053, 32.2102, 6.4855
YIQ	132.2940, -3.2900, -61.5460

Conversions

Conversions Part 2

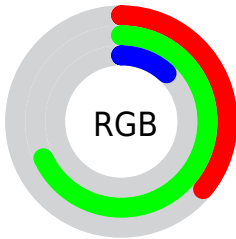
Format	Color
RYB	31, 173, 113
Decimal	6008095
CIELab	63.52, -47.82, 58.99
CIElCh	64, 75.938, 129.030
Yxy	32.2102, 0.3351, 0.5534
Android (android.graphics.Color)	4284198175 (0xFF5BAD1F)
YUV	132.2940, -49.9379, -36.2148
Hunter-Lab	56.7540, -37.9726, 32.9526

Details

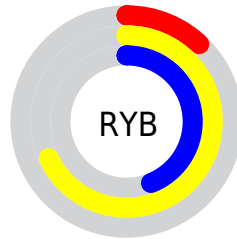
The YUV color **132.2940, -49.9379, -36.2148** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **71.7060, 49.9379, 36.2148**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8210, -49.2118, -35.8000**, and **78.5130, -38.7069, -45.1769** is the 20% darker color. If you saturate the color by 10%, you get **127.3660, -55.8894, -40.6630**, and if you desaturate by 10%, it is **137.2220, -43.9864, -31.7667**.

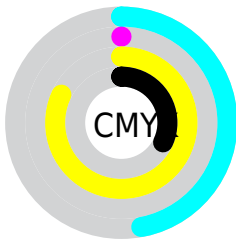
Distribution



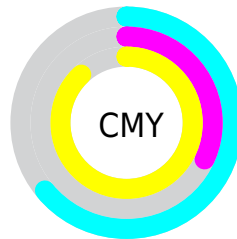
- Red (36%)
- Green (68%)
- Blue (12%)



- Red (12%)
- Yellow (68%)
- Blue (44%)



- Cyan (47%)
- Magenta (0%)
- Yellow (82%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.2940, -49.9379, -36.2148 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 132.2940, -49.9379, -36.2148 by changing the saturation by 10% instead.

■ 132.2940,
-49.9379, -36.2148

■ 132.2940,
-49.9379, -36.2148

■ 255.0000, 0.0000,
0.0000

■ 103.9410,
-51.2429, -37.6593

■ 188.8210,
-49.2118, -35.8000

■ 78.5130, -38.7069,
-45.1769

■ 215.8320,
-49.2172, -34.0557

■ 55.1780, -27.2028,
-48.3911

■ 227.6950,
-41.2616, -19.0265

■ 41.0900, -20.2574,
-36.0359

■ 239.8570,
-33.4535, -3.3826

■ 27.5890, -13.6014,
-24.1956

■ 248.7300,
-24.0239, 5.4988

■ 12.3270, -6.0772,
-10.8108

■ 252.0360,

■ 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 132.2940,
-49.9379, -36.2148

■ 132.2940,
-49.9379, -36.2148

■ 127.3660,
-55.8894, -40.6630

■ 137.2220,
-43.9864, -31.7667

■ 123.3780,
-60.8254, -44.1815

■ 142.2640,
-37.5982, -27.4185

■ 147.1920,
-31.6467, -22.9704

■ 152.1200,
-25.6952, -18.5222

■ 157.1620,
-19.3069, -14.1741

■ 162.0900,
-13.3554, -9.7259

■ 167.0180, -7.4039,
-5.2778

■ 171.9460, -1.4524,
-0.8296

■ 176.9880, 4.9359,
3.5185

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141.7930, -69.9039, 21.2295



132.2940, -49.9379, -36.2148



117.8750, -7.8264, -103.3764

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



132.2940, -49.9379, -36.2148



131.2080, 61.0295, -115.0694



138.1220, -1.0461, 102.5020

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



132.2940, -49.9379, -36.2148



71.7060, 49.9379, 36.2148

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.7110, 25.7785, 85.3225



132.2940, -49.9379, -36.2148



120.0550, 66.5279, -105.2882

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



132.2940, -49.9379, -36.2148



134.5530, 50.9994, -118.0030



157.1510, 48.2396, 20.9156



143.7400, -35.3678, 97.5750

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



132.2940, -49.9379, -36.2148



124.9940, 11.8350, -109.6197



157.1510, 48.2396, 20.9156



140.7440, 9.0002, 100.2025

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



132.2940, -49.9379, -36.2148



208.0480, -19.7437, -14.0741



120.4180, -44.0831, 46.1144



102.5570, -11.6136, -8.3815



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132.2940, -49.9379, -36.2148



160.9470, -77.3749, -56.0815



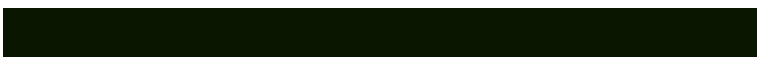
115.3800, -37.1623, -74.0013



84.4790, -3.1941, -2.1741



107.1860, -52.8427, -37.8741



16.4910, -8.1301, -5.6926

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.7060, 49.9379, 36.2148



67.0530, 77.3749, 56.0815



88.6200, 37.1623, 74.0013



80.5210, 3.1941, 2.1741



43.1130, 52.6953, 38.4889



6.5090, 8.1301, 5.6926

Previews

White Background



This preview shows how the YUV color 132.2940, -49.9379, -36.2148 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 132.2940, -49.9379, -36.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

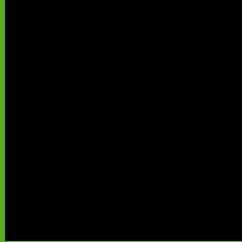
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 132.2940, -49.9379, -36.2148 Background



This preview shows how black text looks on a background with the YUV color 132.2940, -49.9379, -36.2148.



This preview shows how white text looks on a background with the YUV color 132.2940, -49.9379, -36.2148.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

132.2940, -49.9379, -36.2148

Protanopia

144.2030, -58.2741, 24.3780

Deuteranopia

147.7670, -50.1711, 38.7923



Tritanopia

148.1300, 12.7539, -30.8090

Trichromacy



Original Color

132.2940, -49.9379, -36.2148

Protanomaly

139.8690, -55.1514, 2.7459

Deuteranomaly

142.0040, -49.7950, 11.3975

Tritanomaly

142.1580, -9.9379, -32.5876

Monochromacy



Original Color

132.2940, -49.9379, -36.2148

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1020, -18.2913, -13.2445

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.2940, -49.9379, -36.2148 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(91, 173, 31)` looks like.

```
.text, #text, p{  
    color:rgb(91, 173, 31)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 173, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 173, 31) }
```

Border

The CSS property to change the border of an element to YUV 132.2940, -49.9379, -36.2148 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 173, 31) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(91, 173, 31) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(91, 173, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 173, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 173, 31);  
box-shadow:4px 4px 4px 4px rgb(91, 173,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 132.2940, -49.9379, -36.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 173, 31) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 173,  
31) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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